KONONI NKO, L.I.; TISHCHENKO, M.A.; VITKUN, R.A.; POLUEKTOV, N.S.

1,10-Phenanthrolinetencyltrifluoroacetone complexes of rareearth elements. Zhur.neorg.khim. 10 no.11:2465-2470 N '65.
(MIRA 18:12)

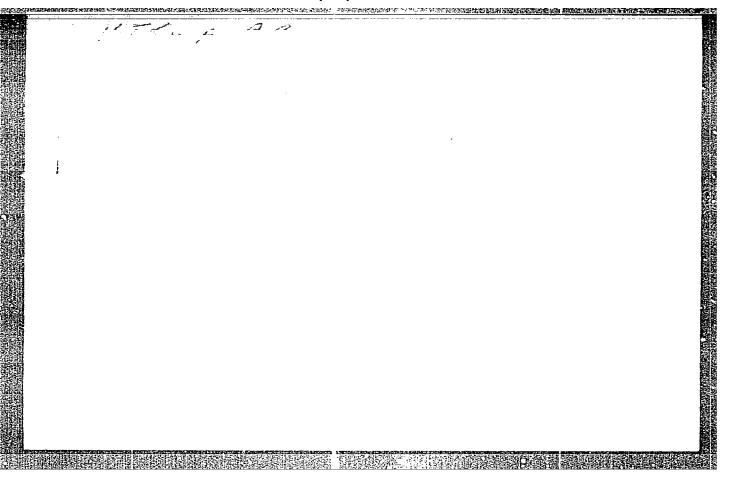
1. Submitted April 13, 1964.

KOMONENKO, L.1.; MELENTIYEVA, Ye.V.; VITKUN, R.A.; POLUEKTOV, R.S.

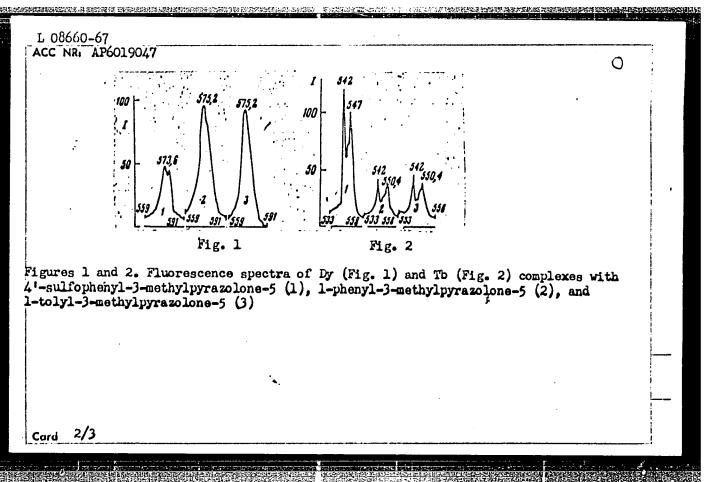
Rare earth complexes with acetylacetone and 1,10-phenantiroline or 2,2'-dipyridyl. Ukr. khim. zhur. 31 no.10:1031-1035 '65.

(MIRA 19:1)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Laboratorii v Odesse. Submitted May 9, 1964.



Cord 1/3 UDC: 546.65 : 541.49
ABSTRACT: Complexes of Pr, Nd, Er, Y, To, and Dy with 1-phenyl-3-methylpyrazolone-5 or 1-tolyl-3-methylpyrazolone-5 were prepared by a modified Knorr's method (Ann. Chem. 238, 137, 1887). Urotropine was added to the reaction mixture to keep it neutral. The results of the analysis of the complexes prepared are given in Table 1. Among the complexes studied only the To and Dy complexes were fluorescent (See Figures 1 and 2). Orig. art. has: 5 fig. and 2 tables.
TOPIC TAGS: rare earth element, terbium compound, dysprosium compound, neodymium compound, yttrium compound, erbium compound, fluorescence
SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 2, 1966, 363-368
TITLE: Complexes of rare-earth elements with 1-phenyl-3-methylpyrazolone-5 and 1-tolyl-3-methylpyrazolone-5
ORG: none
AUTHOR: Tishchenko, M. A.; Kononenko, L. I.; Vitkun, R. A.; Poluektov, N. S.
L 08660-67 EWF(m)/EWP(j) RM ACC NRi AP6019047 (A) SOURCE CODE: UR/0078/66/011/002/0363/0368



Complex	M	olting	Calculated, 5			Found, %			Ratio	Mo: Pnl	<u>.</u>	
	p	oint, C	Mo	This (TMP	H ₂ 0	Mo	PnMP (TMP		(or T	MP)		
Prtri (Fh)	P)-ate	206207	20,85	76,5	2,65	20,1	77	2,8	1:3,1			•
Nd-tri (Fn)		210—211	21,2	76,16	2,64	21,0	75,8	3,0	1:2,98] .	•	
Er-tri (FhM		208210	23,8	73,6	2,6	22,9	73,7	2,9	1:3,08			
Y-tri (PhMF)-ate	198200	14,2	82,9	2,9	13,5	82,1	3,7	1:3,1		•	
Tb-tri (TMF		208210	21,5	76,0	2,4	20,3	76,0	2,6	1:3,15	•		
Nd-tri (TMF	}	207—209	19,8	77,7	2,5	20,2	78,0	2,5	1:2,98			
= rare-earth el	ement; Ph	MP = 1-p	henyl	L-3-m	ethyl	pyra	zolon	e-5;	TMP =	l-tolyl	-3-methy	

VITUP, Abram Borizovich, kandidat tekhnicheskikh nauk; SKRAMTAYEV, B.G., redator; GORCHAKOV, G.I., nauchnyy redaktor; KUYEYSHEVA, G.V., redaktor; GHEMSON, P.G., tekhnicheskiy redaktor.

[Effect methods of steam-curing concrete] Effektivnye rezhimy teplovlashnostnoi obrabotki betonov. Pod. red.B.G. Skramtaeva.

Moskva, Gos.ind-vo lit-ry po stroit.msterialam, 1957. 119 p.

(MIRA 10:11)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektory SSSR (for Skramtayev).

(Precast concrete)

\$17 HW_T , 11 172.

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates.

Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5316

mention and the street with the state of the street of the

Author: Vitkup, A. B.

Institution: None

Title: Method for the Preparation of Fast Hardening Concrete

Original

Publication: Beton i zhelezobeton, 1956, No 8, 284-287

Abstract: Description of experiments on preparation of fast hardening concrete,

with Portland cement of grades 300-500. On hardening under ordinary conditions strength of the concrete after 24 hours amounts to 50-80% R28. On using a short duration heat and moisture treatment, comprising an isothermal process (at 800) of 1-2 hours and a total cycle of 5-6 hours, strength of the concrete amounts to 70-100% R28. Rapid increase of the strength of concrete is attained on placing concrete mixtures with a cone shrinkage of 1-1.5 cm. To accelerate hardening of the concrete use was made of the method of activation of the mix,

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5316

Abstract: for 1.5-3 minutes, with crusher rolls, using an additive that improves the composition of binder and fine aggregate (granulated, acidic blast furnace slag) and additions of hardening accelerator -- CaSO4.0.5 H20 and CaCl2. Added slag amounted to 1/2 of the weight of sand, CaCl2 was added in an amount of 2%, gypsum in an amount of 5%, on the basis of the weight of cement. Cement, fine aggregate, additions of accelerator of hardening and 85% of the required amount of water were worked with crushing rolls for 3 minutes. Thereafter the activated mix was combined with coarse aggregate and the remaining 15% of water were added. Expenditure of cement was of 330 kg/m3; water/cement = 0.5; shrinkage of standard cone was of 1.5 cm. Settling of the concrete mixture was effected on a standard vibrator platform with added load of 60 g/cm².

Card 2/2

VITKUP, A.B.

SOV/97-59-1-18/18

AUTHOR: None Given

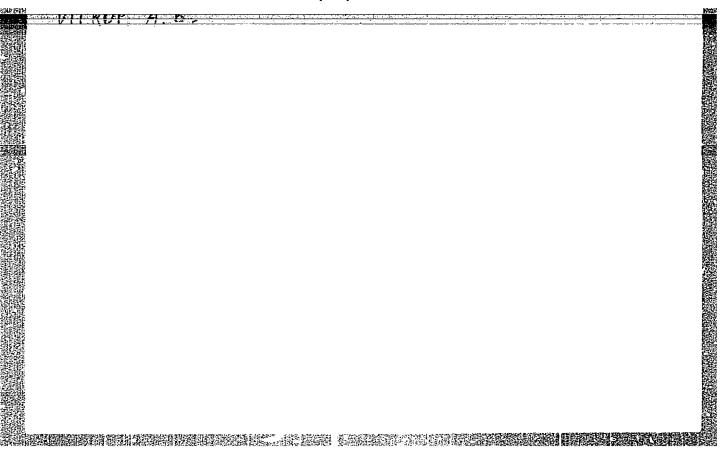
TITLE: Book Review (Kritika i bibliografiya)

PERIODICAL: Beton i Zhelezobeton, 1959, Nr 1, pp 47-48 (USSR)

ABSTRACT: The following book is reviewed: A. B. Vitkup, "Effective conditions for steam curing of concretes", Promstroyizdat,

1957. The criticism is favourable.

Card 1/1



"Effective Range for the Heat-and Noisture-Treatment of Concretes and a Quick Method for Testing Corents." Cand Tech Sci. Khar'kov Construction Engineering Inst. Khar'kov, 1954. (RZhKhir, No 1, Jen 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
So: Sum. No. 598, 29 Jul 55

VITKUP. A.B., kandidat tekhnicheskikh nauk; MUNITS, A.P., redaktor 12datel stva; BOROVNEV, N.K., tekhnicheskiy redaktor

[Instructions for speedy determination of the activeness of cements according to the method of the Southern Institute for Construction Research] Instruktsiia po uskorennomu opredeleniiu aktivnosti tsementov po metodu IUzhNII. (I 205-55/MSPMKhP). Moskva. Gos. izd-volit-ry po stroit. i arkhitekture, 1956. 15 p. (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriyatiy metallurgicheskoy i khimicheskoy promyshlennosti. Tekhnicheskoye upravleniye. 2. Yuzhnyy nauchno-issledovatel'skiy institut po stroitel'stvu Ministerstva stroitel'stva predpriyatiy metallurgicheskoy i khimicheskoy promyshlennosti SSSR (for Vitkup) (Cement-Analysis)

Witkup, A.B., kandidat tekhnicheskikh nauk.

Method for preparing rapid hardening concretes. Bet. 1 zhel.-bet.
no.8:284-287 Ag '56. (MLRA 9:10)

(Concrete)

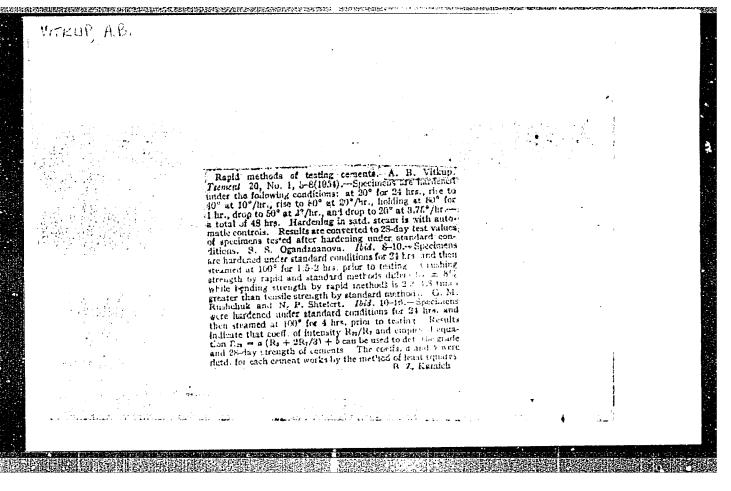
CENTREPARTIES AND TO THE SECOND PROPERTY OF THE PROPERTY OF TH

VITKUF, A.B., inzhener.

New rapid cement testing method. TSement 20 no.1:3-8 Ja-F '54.

(MLRA 7:2)

(Cement--Testing)



VITKUP, A.B., kand.tekhn.nauk; YASNOBULKA, Kh.R., tekhnik

Coarse aggregates made of marls from the Kharkov deposits. Shor.
trud. IUZHNII no.2:54-57 '59. (MIRA 13:9)

1. Yuzhnyy nauchno-issledovatel'skiy institut po stroitel'stvu.
(Marl) (Aggregates (Building materials))

THE CONTROL OF THE PROPERTY OF

VITEUP, A.B., kand.tekhn.nauk; YASNOBULKA, Kh.R., tekhnik

Activated concrete based on silica compositions to be used in making construction elements. Sbor. trud. IUZHWII no.2:62-72 '59.

(MIRA 13:9)

1. Yuzhnyy nauchno-issledovatel'skiy institut po stroitel'stvu.
(Lightweight concrete)

Vilkup, 1.kh.

18(0)

PHASE I BOOK EXPLOITATION

SOV/2301

Metallurgiya: sbornik statey, /no./ 1 (Metallurgy; Collection of Articles, No. 1) /Leningrad/ Sudpromgiz, 1958. 177 p. 1,500 copies printed.

Resp. Ed.: G. I. Kapyrin, Candidate of Technical Sciences; Ed.: A. V. Popov; Tech. Ed.: O. I. Kotlyakova.

PURPOSE: This book is intended for engineers and technicians at industrial plants, for scientific personnel at research and educational institutions, and for students of advanced metallurgy.

COVERAGE: The articles in this collection deal with the production and hot forming of steel and titanium ingots. Both theoretical and practical aspects are covered. Topics discussed include: crack formation during thermomechanical treatment, dependence of plasticity of low-carbon chromenickel steel on the method of steelmaking, vacuum melting of austenitic stainless steel, beneficial effect of hot deformation on steel properties, vectorial properties of sheet metal as related to rolling conditions, crystallization and ingot structure, present status of titanium-ingot production, etc. Numerous references, principally Soviet, accompany the articles.

Card 1/3

Metallurgy; Collection (Cont.) SOV/23	01
TABLE OF CONTENTS:	
Andreyev, I. A., Professor; and L. Ya. Gluskin, Candidate of Technical Sciences. The Mechanism of Crack Formation in the Thermomechamical Treatment of Low-carbon Structural Steels	
Andreyev, I. A., and L. Ya. Gluskin. Selection of an Optimum Process Making and Teeming Low-carbon Chrome-nickel Steel with a View to Improving Plasticity	of 33
Polin, I. V., Candidate of Technical Sciences; and E. I. Serebriyskiy. Making Austenitic Stainless Steel in Vacuum Arc Furnaces	63
Vitkup, I. Kh., Engineer. Some Explanations of the Beneficial Effect of Hot Deformation on the Properties of Steel	. 71
Gel'derman, L. S. Candidate of Technical Sciences. Vectorial Nature of the Properties of Sheets as Determined by Rolling Conditions	f 81
Gayday, P. I. Candidate of Technical Sciences. Crystallization and Ingot Structure	95
Card 2/3	

Metallurgy; Collection (Cont.) SOV/2301	
Aleshin, D. V., Engineer. On Certain Characteristics of the Dendritic Crystallization of Medium-Alloy Structural Steel	8- 115
Polin, I. V., Candidate of Technical Sciences. Development and Present Status of the Production of Titanium and Titanium-Alloy Ingots	135
Shul*kin, S. M., Candidate of Technical Sciences. Hot-rolled Titanium Tubes	153
Filin, Yu. A., Engineer. Structure and Properties of Cast Induction- melted Titanium	167
AVAILABLE: Library of Congress	20,
Card 3/3	co/1.
	GO/1:

VITKUP, YE B

PRESENTATION OF THE PROPERTY O

AUTHOR:

Gokun, V.B.

TITLE:

Design Bases for Economy of Metal; Reduction of Weight in Machines (Konstruktivnyve predposylki ekonomii metalla;

Call Nr: Not given

snizheniye vesa mashin)

PUB. DATA:

Mashgiz, Moscow-Kiyev, 1957, 161 pp., 8000 copies

ORIG. AGENCY: None given

EDITOR:

Vitkup, Ye. B., Candidate of Technical Sciences, Docent; Chief Ed. of the Ukrainian Branch of Mashgiz, Zalogin, N.S.; Publ. House Ed: Soroka, M.S.; Reviewer: Lur'ye, G.B., Doctor of Technical Sciences, Professor

PURPOSE:

The book is intended for designers of machine-building

concerns.

COVERAGE:

The book considers basic factors which affect weight and dimensions of a machine and discusses the reduction of weight in machines. The full complex of questions related to design of rational, low-weight machines is outlined. All material is abundantly illustrated with factual examples taken from Russian industrial practice.

There are 41 USSR references.

Card 1/3

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860120013-9"

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Do od su	Call Nr: Not	given
Design	Bases for Economy of Metal; Reduction of Weight in M	achines (cont)
	TABLE OF CONTENTS	
Introduc	etion	Page
· I.	Kinematic Analysis of Machine Designs	5
II.	Influence of Design Schemes of Machines on the Reduction of Their Weight and Decrease in Their Overall Dimensions	6
III.		20
IV.		37
V.	Effect of Standardization and Unification of Machine Parts and Assemblies on the Reduction of Their Weight	
VI.		57
VII.	Effect of Disjunction and Unification of Machine Component Blanks on the Reduction of Their Weight	71
	Effect of Differentiation in the Use of Materials on the Reduction of Weight in Machines	
Card 2/3		82

		<u> </u>
D 1	Ragon for Results of Maria Maria Not	g1ven
Design	Bases for Economy of Metal; Reduction of Weight in	Machines (cont)
IX.	Non-metallic Materials	91
х.	Effect of the Material Cross Section on the Weight of Machines	-
XI.		101
	Effect of Lightened Rolled-steel Cross Sections on the Reduction of Weight in Machines	3.08
XII.	Importance of Extending the Life of Machines as Related to the Problem of Economy of Metals	
XTTT.		117
	Effect of Various Hardening Technology Methods on Extending the Life of Machine Components	122
XIV.	Comparative Analysis and Specific Indices of	
D. T. D. T. A.	Machine Designs	128
BIBLIO		159
AVAILAE	BLE: Library of Congress	-22
Card 3/	′3	

VITHUF, YE. 6.

VITKUP, YE. B. -- "Investigation of Problems of Creating Guaranteed Pressures on the Junctions of Threaded Joints in the Overhauling of an Automobile." Min Higher Education Ukrainian SSR, Kiev Motor Vehicle and Road Inst, Kiev, 1955. (Dissertations for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis: No. 39, 24 Sept 55

LEVINSKIY, Iosif Viktorovich; VITKUP, Ye.B., kandidat tekhnicheskiy nauk, retsenzent; SCROKA, M.S., redaktor; LYKHOTA, M.A., tekhnicheskiy redaktor

[Safety manual for operators of lifting slings] Pamistka po tekhnike bezopasnosti dlia stropal shchikov. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 35 p. (MLRA 9:11)

(Slings and hitches--Safety measures)

VITKUP, Ye.B., kand.tekhn.nauk, dotsent

Elastic deformations in stressed dismountable joints. Vest. mash.
41 no. 5:44-46 My '61.

(Fastenings)

(Fastenings)

VITKUF, YE B

SARINENKO, Vladimir L'vovich; MAKSIMOVICH, Vedim Aleksandrovich; TROITSKIY,
Anatoliy Vasil'oyvich; TROGHUM, Ivan Petrovich; POTISHKO, Aleksey
Vasil'yevich; AVRAMENKO, Luka Avksent'yevich; VARENTIS, Arnol'd
Mikhaylovich; VITKUP, Ye.B., redaktor; RAITO, M.Y., redaktor; SAMOKHYALOV, Ya.A., vedushchiy redaktor; VAL'CHUM, G.I., vedushchiy
redaktor; PATSALYUM, P.M., tekhnicheskiy redaktor

[Atlas of machine parts; mechanical joints and couplings] Atlas
detalei mashin; soedineniia i murty. Kiev, Gos. isd-vo tekhn. litry USSR, 1956. 146 p.

(Couplings) (Welding) (Fastenings)

USSR / General Problems of Pathology. Allergy.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102425.

Author : Vitkus, A.

Inst : Kaunas Medical Institute.

Title : The Nerves of the Spleen and Their Morphologic

Changes Under the Influence of Sensitization and

Anaphylactic Shock.

Orig Pub: Kauno med. inst. darbai, 1957, 5, 287-293.

Abstract: 5 ml of horses serum (HS) was passed through the vessels of an isolated cat spleen, connected only by the nerves with the organism of a normal cat or sensitized by means of HS; the spleen was taken out after appearance of anaphylactic shock or after 10 min. and was prepared according to the method

of Bilshowsky-Gross or Kompos. As a result of

Card 1/2

31

USSR / General Problems of Pathology. Allergy.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102425.

Abstract: shock, argyrophilia, varicose thickening of axons,

。 1987年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1

swelling of nerve bundles, increase and incorrect tortuosity of nerve fibers were noted. -- From the

author's resume.

Card 2/2

USSR / Human and inimal Morphology. Norvous System. S-2 Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64797.

Author

: Vitkus, A. : Kaunas Medical Institute. Inst

在各种基础的政策和政治的政策的指数是国际政党的政策和实际的政策的政策的法律的政策的对象。

Title : Nerves of the Vessels of the Spleen.

Orig Pub: Kauno Med inst. Darbai, Tr. Kaunassk. med. in-ta,

1957, 4, 41-51.

Abstract: The nerves of the intra-organic vessels of the

spleen in cats were studied, handling the material according to Bil'shovski-Gross and Campos. Periarterial plexuses as well as plexuses in the muscular coat were found. Free nerve endings in the the form of various branchings and capsuled corpuscles of the Krause type in the walls of arter-

Card 1/2

VITKUP, I.Kh., inzh.

Causes determining the effect of hot deformation on the improvement of steel properties. Metallurgiia 1:71-79

(Steel--Hetallography) (Forging)

(Steel--Hetallography) (Forging)

THE RESERVE OF THE PROPERTY OF

VITKUP, YE. S.

· 在1995年 - 1995年 - 19

A More Exact Calculation of the Rigidity of Threaded-Joint Elements.

Povsheniye iznosostoykosti i sroka sluzhby mashin. t. 2 (increasing the Wear Resistance and Extending the Service Life of Machines. v. 2) Diyev, Izd-vo AN UkrSSR, 1960. 290 p. 3,000 copies printed. (Series: Its: Trudy, t. 2)

Sponsoring Agency: Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo mashinostroitel' noy promyshlennosti. Tsentral'noye i Kiyevskoye oblastnoye pravleniya. Institut mekhaniki AN UkrSSR.

Editorial Board: Resp. Ed.: B. D. Grozin; Deputy Resp. Ed.: D. A. Draygor; M. P. Braun, I. D. Faynerman, I. V. Kragel 'skiy; Scientific Secretary: M. L. Barabash; Ed. of v. 2: Ya. A. Semokhvalov; Tech. Ed.: N. P. Rakhlina.

COVERAGE: The collection contains papers presented at the Third Scientific Technical Conference held in Kiyev in September 1957 on problems of increasing the wear resistance and extending the service life of machines. The conference was sponsored by the Institut stroitel noy mekhaniki AN UkrSSR (Institute of Structural Mechanics of the Academy of Sciences Ukrainian SSR), and by the Kiyevskaya oblastnaya organizatsiya nauchno-tekhnicheskogo obshchestva mashinostroitel noy promyshlennosti (Keyev Regional Organization of the Scientific Technical Society of the Machine-Building Industry).

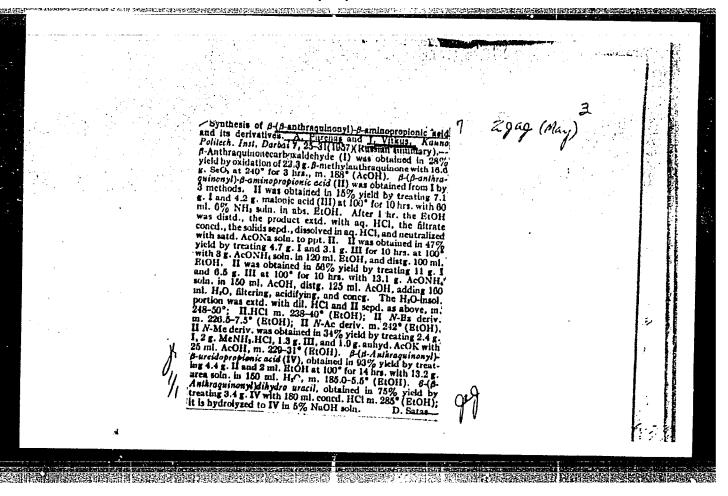
VITEUS, A.S.

First scientific conference of anatomists, histologists and embryologists of the lithronian 3.5.8. with the participation of morphologists of the outries 3.1.4. Withit and 3.5.8. and white Russian 3.5.5. in Faunca, June 21-15, 1962. Arkh. anat., gist. i embr. 43 no.1/2.00457 1142 (MIRA 17:5)

1. Adres avtora: Faunas, ul. Mitakovichiama, 9, kaledra gistologli i embriologii Kaumasakogo menitsinakogo instituta.

VITKUS, A.S., Good Mod Sci--(dice) "Intra-organ nervee of the eplean and their morphological changes under the effect of nonel minution and comphylactic shock." Kaumas, 1922. 21 pp (lin of Moslith Litheration SDR. Kaumas State Red Inst), 200 copies (KL, 26-58, 115)

700



ACC NRIAMGO10193

Monograph

UR/

Ragul'skis, Kazimeras Mikolo; Vitkus, Ionas Iono; Ragul'skene, Vida Leono

Self-synchronization of mechanical systems. [pt] 1: Self-synchronizing and vibro-percussive systems (Samosinkhronizatsiya mekhanicheskikh sistem. [ch.] 1: Samosinkhronnyye i vibroudarnyye sistemy) Vilnyus, Izd-vo "Mintis", 1965. 185 p. illus., biblio. (At head of title: Akademiya nauk Litovskoy SSR. Institut energetiki i elektrotekhniki) 1400 copies printed.

TOPIC TAGS: mechanical engineering, vibration theory, vibration analysis, mechanical vibration, self synchronizing mechanical system, vibropercussive mechanical system

PURPOSE AND COVERAGE: The results of investigations of the dynamics and stability of self-synchronizing and vibropercussive systems are presented. Principles of the theory of self-synchronizing systems and the synthesis of such systems in accordance with given dynamic characteristics are discussed. Analytic relationships for calculating their steady-state modes of motion, existence conditions, and stability, are presented as well as equations of small oscillations; also practical systems are solved. A number of new results

Card 1/3

ACC NR: AM6010193

connected with the dynamics and stability of vibropercussive systems are obtained, and many one- and two-mass vibropercussive systems are investigated. The analytic results obtained here were confirmed experimentally (in the majority of cases), and with the aid of computers. For the most part, only the results of the personal investigations of the authors are given. This book is intended for scientists and engineers.

TABLE OF CONTENTS: [abridged]:

Annotation -- 5

Part One. Self-synchronizing systems -- 9

Introduction

I. Self-synchronizing devices for transmitting rotational motion --11: II. Self-synchronizing devices with given dynamic characteristics -- 23

Bibliography -- 32

Part Two. Vibropercussive systems -- 34

Card 2/3

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是我们的自己的,这个人的自己的对象的。 第一个人的人们是一个人们的人们的一个人们的人们的一个人们的人们的一个人们的人们是一个人们的人们的人们的人们的人们的人们们

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ACC NR. AMGO10193
Introduction -- 35
Survey of vibropercussive systems -- 43
  I. One-mass vibropercussive systems with one constraint acted upon
     by disturbances expressed by a trigonometric polynomial -- 53
 II. One-mass vibropercussive systems with one constraint acted upon
     by a unilateral impulse disturbance -- 95
III. One-mass systems with a moving constraint acted upon by a uni-
     lateral impulse disturbance -- 113
 IV. Two-mass systems acted on by a unilateral impulse disturbance - 127
  V. Modeling the motion of vibropercussive systems and physical
     experiments -- 139
Bibliography -- 160
English language abstract -- 181
Table of contents -- 183
Table of contents in English 2-185
SUB CODE: 26/ SUBM DATE: 03Dec65/ ORIG REF: 415/ OTH REF: 055/
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VITKUS, I V.

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VITKUS, I. V.: "The synthesis of beta-amino acids of the anthracene series and their transformation". Vil'nyus,1955. Acad Sci Lithuanian SSR. Inst of Chemistry and Chemical Technology. (Dissertations for the degree of Candidate of Chemical Sciences.)

SO: Knizhnava Letopis! No 50 10 December 1955. Moscow.

VIIXNS, J.

Synthesis of N. ... and S-anthraquinonyi)-S-aminoproplonic acids and their derivatives. A. Purchas and J. Vikus (Kauno Politech, Inst. Kaunas, Lithuania). Kauno

Politech. Inst. Darbai 6, 170-84(1959)(Russian summary) — Me N-(α-anthraquinonyl)-β-aminopropionate (1) was obtained in 53% yield by heating 22.3 g. α-aminoanthraquinone (II), 12 g. Me acrylate (III), and 0.5 g. AcOll in a scaled tube 60 hrs. at 115-20°. Practional crystn. from EtOH gave cherry red crystals, m. 112-13°. Me N-(β-anthraquinonyl)-β-aminopropionate (IV) was obtained in 48% yield by heating 22.3 g. β-aminoanthraquinone (V), 1.29 g. III, and 0.5 g. AcOH 72 hrs. at 115-20°. Fractional crystn. from EtOH gave orange red crystals, m. 128-30°. N-(α-Anthraquinonyl)-β-aminopropionitrile (VI) was obtained in 18% yield by heating (at 115-20°, 60 hrs., scaled tube) 22.3 g. II, 10.6 g. acrylonitrile (VII), and 0.5 g. Hr. EO₄ (sp. gr. 1.84). Fractional crystn. from EtOH gave red crystals, m. 135-6°. N-(β-Anthraquinonyl)-β-aninopropionitrile (VIII) was obtained in 10% yield by heating (at 115-20°, 60 hrs., in scaled tube) 11.2 g. V, 5.3 g. VII, and 0.5 g. Hr. EO₄ (sp. gr. 1.84). Fractional crystn. from EtOH gave otange crystals, m. 151-3°. N-(α-Anthraquinonyl)-β-aminopropionitrile (VIII) was obtained in 10% yield by heating (at 115-20°, 60 hrs., in scaled tube) 11.2 g. V, 5.3 g. VII, and 0.5 g. Hr. EO₄ (sp. gr. 1.84). Fractional crystn. from EtOH gave otange crystals, m. 151-3°. N-(α-Anthraquinonyl)-β-aminopropionite acid (IX) was obtained by 2 methods.

I (15.5 g.) and 30 g. KOH in 300 ml. 80% EtOH refluxed 1.5 hrs. at 70-5°, kept at room temp. 36 hrs., dild. with 600 ml. H₂O, filtered, and acidified with 10% HCl gave 10.2 g. IX, red crystals, m. 188° (RtOH). IX was obtained by heating (2 hrs. at 75°) 3 g. VI and 35 g. KOH in 150 ml. 80% EtOH, stirring intermittently 48 hrs. at room temp., dilg. with 300 ml. H₂O, heating to 75°, cooling, and filtering; acidification with HCl pptd. 0.9 g. red crystals, m. 187-8° (I:tOH). N-(β-Anthraquinonyl)-β-aminopropionic acid-HCl (XI) was obtained from IV and VIII by the method used to obtain IX. N-(α-Anthraquinonyl)-β-aminopropionic acid-HCl (XI) was sobtained by passing dry HCl (2 hrs. at 20-5°) through a solu. of 1 g. IX in 30 ml. McOH, evapg. the excess MeOH, and pptg. from Et₂O (gray crystals, decompg. at 120-187°). In a moist atm. XI decompd. into HCl and IX. N-(β-Anthraquinonyl)-β-aminopropionic acid-HCl, red-gray crystals, decompg. below 220° and at room temp. in a moist atm., was obtained from X by the same method as for XI.

9-9

VITKUS, Mecys; SUMINAS, A., red.

[Flastic skin surgery] Gdos plastika. Vilnius, Mintis,
1965. 234 p. [In Lithuanian] (MIRA 18:6)

VITKUS, M. P., Cand Med Sci -- (diss) "Proximate and remote results of dermoplasty." Vil'nyus, 1960. 31 pp; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ im V. Kapsuskas); 250 copies; price not given; (KL, 31-60, 143)

VITKUS, V. Cand Biol Sci -- (diss) "The Pollution and Self-Purification of the Nyamunas River in XNXXXNXXXXX the City of Kaunas." Vil'nyus, 1957.

16 pp 22 cm. (Min of Higher Education USSR, Vil'nyus State Univ im V. Kapsukas), 100 copies (KL, 26-57, 106)

- 29 -

ACC NR AR6035569

SOURCE CODE: UR/0044/66/000/009/V046/V046

AUTHOR: Paulauskas, Ts. Ts.; Vitkute, A. Yu.

TITLE: Determination of the structure and weight coefficients of pattern classifiers with statistically dependent signals

SOURCE: Ref. zh. Matematika, Abs. 9V308

REF SOURCE: Sb. Avtomatika i vychisl. tekhn. Vil'nyus, 1965, 23-29

TOPIC TAGS: parameter, classifier, classifier structure, classifier weight

coefficient, pattern recognition

ABSTRACT: A study was made of problems of the synthesis of classifiers as a function of the nature of the information received from the analyzer. The structure and parameters of a statistical classifier whose input signals are random variables which statistically depend on each other and whose values are both 1 or 0, and +1 or -1, are determined. To recognize patterns with statistically dependent parameters, it is necessary to take, in addition to weighted double signals, also their weighted double, triple, etc., products. With transition from a system of input signals with

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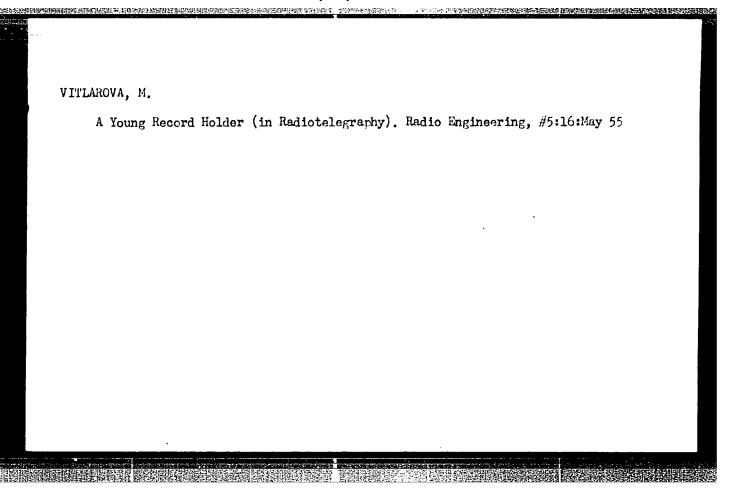
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1; 0 values to a +1; -1 system, the block-diagram of the classifier remains the same and only the expressions for weight coefficients undergo a change. The paper has three illustrations. [Translation of abstract]									
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BEZOUSHKA, Irzhi [Bezouska, Jiri], inzh.; VITLACHIL, Iosif [Vytlacil, Josef], inzh.; VALTEK, Taromir Walter Jaromir]; CHUNAT, Ye.A.[translator]; SUMIK, Z.A., red.

[Study of the supply and demand of the population] Izuchenic potrebleniia i sprosa naseleniia. Moskva, Izd-vo "Statistika," 1964. 328 p. (MIRA 17:6) Translated from the Czech.



SIGNATURE SEEDING AND THE RESPONSE AND SECURIOR SECURIOR

VITLAROVA, M.

Following the Prototype of the Fighter. RADIO (Radio), #11:5:Nov 54

VITLAROVA, M.

International Radiotelegraph Competition in Leningrad. RADIO (Radio), #11:6:Nov 54

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860120013-9"

THE THE MENTAL PROPERTY OF THE PARTY OF THE

VITLAROVA, K.

recommendation of the companies of the c

Young champion in radio telegraphy. p. 16. RADIO. (Ministerstvo na poshtite, telegrafite, telefonite i radioto i Tsentralniia suvet na dobrovolnata organizatsiia za sudeistvie na otbranata) Sofiya. Vol. 4, no. 5, 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress Vol. 4, No. 12, December 1955

Electric 34 no.	c contact cutting of 4:24-27 My '63. (Ele	of alloyed steel ectric metal cut	n.i instr. (MIRA 16:5)

s/0121/63/000/005/0024/0027

ACCESSION NR: AP3001565

AUTHOR: Vitlin, A. B.

TITLE: Electric contact cutting of alloyed steels

SOURCE: Stanki i instrument, no. 5, 1963, 24-27

TOPIC TAGS: electric arc machining, electric contact cutting, air arc machining, A.C. arc cutting, D.C. arc cutting

ABSTRACT: A combination air-arc and electric contact method of cutting steel was experimentally investigated. In this method aluminum and steel discs 500-850 mm in diameter and 5-8 mm thick with air ducts to the periphery were rotated (at approximately 800 rpm) while steel samples were fed into them. A.C. current of up to 1500 amps provided the arc which was continuously reestablished with an oscillator providing 250 000 cps up to 2500 v. The partially vaporized metal was removed by compressed air blown through the peripheral holes in the discs. It was found that metal removal was almost independent of type of steel being cut and was equal to 0.2 mm/sec at 300 amps and 0.6 mm/sec at 800 amps. Air pressure of 3.5 kg/cm was satisfactory. Secondary arcs on the sides of the wheel were eliminated by applying a layer (0.2-0.3 mm thick) of epoxy on both sides. Stable arcs were

ACCESSION NR: AP3001565

obtained at a distance of 1-1.5 mm from the work with a voltage difference of 30 v across the gap. A comparison of this type of cutting with A.C. and D.C. air-arc cutting and D.C. electric contact cutting shows that this method is up to five times faster at half or less electric energy requirement than the other methods. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: Institut "Promstal'konstruktsiya" (Institute "Promstal'-konstruktsiya")

SUBMITTED: 00

DATE AQ: 21Jun63

ENCL: 00

SUB CODE: ML

NO REF SOV: Oll

OTHER: OOO

Card 2/2

VITLIN, A.B., inzh.; PLISKEVICH, MeI., inzh.

Production lines for working metal at metal elements plants. Mont.
i spets. rab. v stroi. 24 no.4:7-11 Ap *62. (MIRA 15:7)

1. Proyektnyy institut Promstal konstruktsiya.
(Automation) (Metalwork)

VITLIN, A.B., inzh.

Production line for the manufacture of welded I-beams. Mont. i spets. rab. v stroi. 24 no.7:7-10 J1 '62. (MIPA 15:6)

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1. Proyektnaya kontora Glavstal'konstruktsii Ministerstva stroitel'stva predpriyatiy metallurgicheskoy i khimicheskoy promysilennosti SSSR.

(Dnepropetrovsk-Beams and girders)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860120013-9"

s/0122/64/000/002/0031/0034

ACCESSION NR: AP4015108

AUTHORS: Korniyenko, V. S. (Engineer); Vitlin, A. B. (Engineer)

TITLE: A machine for air metal-arc cutting

SOURCE: Vestnik mashinostroyeniya, no. 2, 1964, 31-34

TOPIC TAGS: metal arc cutting, disk electrode, compressed air, electric regulator, electric arc, workpiese, epoxy resin ED 6

ABSTRACT: An experimental device utilizing a stationary but variable current arc and a rotating disk-electrode for metal-arc cutting was designed and tested. A 380-volt source is used to supply a variable current to the disk which (upon rotating) admits compressed air through three channels into the space between the lower edge of the rotating disk and the workpiece (see Fig. 1 on the Enclosure). Between the nearest edge of the disk and the workpiece (1-15 mm gap) a 30-volt arc is struck which melts the metal, and the melt is then carried away by the compressed air. As the distance between the disk electrode and the workpiece increases, an electric regulator operates a servomechanism which in turn shortens the distance between the disk and the workpiece. Experiments show that the electric arc is

ACCESSION NR: AP4015108

stable and that the metal removal rate is 2000 mm³/sec at 300 amps and 6000 mm³/sec at 800 amps. The cutting rate does not depend on the type of steel used as the workpiece. In these experiments the disk was prepared from epoxy resin ED-6 with addition of silicon carbide grains. A detailed list is given of the operating conditions of the device, and it is shown that it can also be used to form circular taps and holes in various steel pieces. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

DATE AQ: 12Mar64

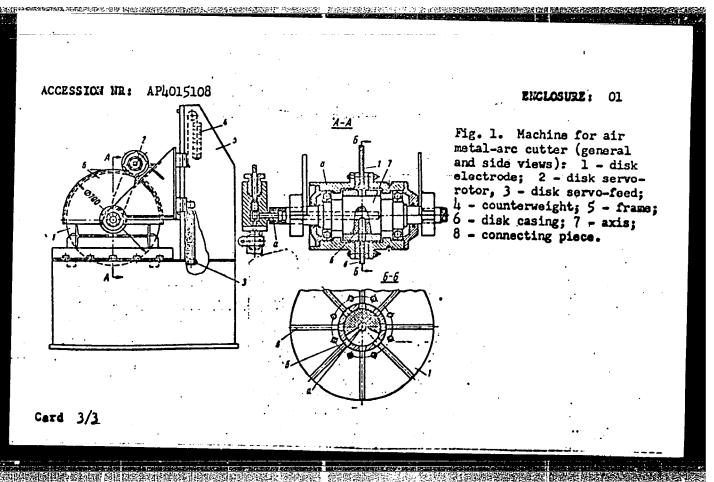
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NO REF SOV: 006

OTHER: 000

Card 2/3



KCRNIYENKO, V.S., inzh.; VITIIN, A.S., inzh.

Machine for air-arc metal cutting. Vest.masninostr. 44
no. 2:31-34 F '64. (MIRA 17:7)

20 COUNTRY SERVICE AND SERVICE

KORNIYENKO, V.S., inzh., laureat Leninskoy premii; VITLIN, A.B., inzh.

Machine tools for automatic compressed air-arc treatment of metal. Mont. i spets. rab. v stroi. 25 no.1:26-29 Ja *63. (MIRA 16:6)

1. Proyektnyy institut Promstal'konstruktsiya. (Metal cutting)

KORNIYENKO, V.S., inzh.; VITLIN, A.S., inzh.

Machines with wear-resistant cutters for the automatic air-Are machining of metals. Sudostroenie 29 no.4:51-54 Ap '63. (MRA 16:4)

(Electric metal cutting)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860120013-9"

VITLIN, V., inzh.; KOROTKOV, V., inzh.; BENIN, Ya., inzh.

Use every means to improve the dust removal in grain elevators. Muk.—elev. prom. 27 no.9:21-24 S 161. (MIRA 15:2)

1. Montazhno-naladochnoye upravleniye tresta Spetselevatormel!-

(Grain elevators)
(Grain—Cleaning)

VIFLIN, V.1.; KOLMAKOV, V.N.

Some morphological and functional changes in the liver in obstructive jaundice. Vest. khir. 93 no.11:53-57 N 164.

(MIRA 18:6)

1. Iz 1-y kliniki obshchey khirurgii (zav. - prof. A.V. Smirnov) i biokhimicheskoy laboratorii TSentralinoy nauchno-issledovateliskoy laboratorii (zav. - dotsent V.N. Kolmakov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

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us gamen et i sez		
	Reactive bepared the period of	o sind. MAPA 1818)
	1. Klinika obshrheg ime. vog de. 3 (m.v. e pref. 4.7.2mm kafedra gistolegil i emere je ji dene. e od. 1.7.3migeri, leningradokogo saniberne-proje i regele. De tribinik zo ka)

VITLIN, V.I. (Leningrad, Kurakina ulitsa, 1/3, 15-y pavil'on)

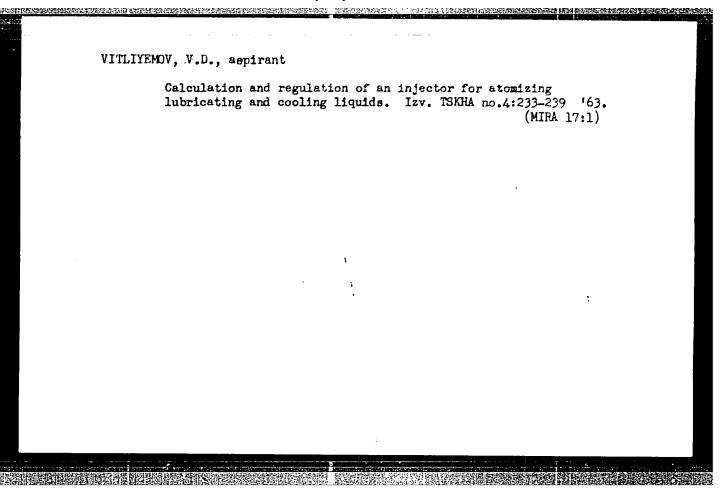
Two cases of polycystic changes in the liver. Vest. knir. 92 no.1:
85-86 Ja '64. (MIRA 17:11)

是这个种种的是一种,我们也不是一个人,我们就是一个人,我们们的一个人,我们们们的一个人,我们们们的一个人,这个人的人,我们们也不是一个人,我们们们的一个人,我们

l. Iz l-y kliniki obshchey khirurgii (zav. - prof. A.V. Smirnov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

NEKRASOV, S.S., prof.; VITITYENOV, V.D., inzh.

Investigating the turning process in cooling with fluid spray,
Veat.mashinostr. 44 no.3:58-71 Mr '64. (MIRA 17:4)



ACCESSION NR: AP4026250

5/0122/64/000/003/0068/0071

AUTHORS: Nekrasov, S. S. (Professor); Vitliyemov, V. D. (Engineer)

TITLE: Investigation of machining with vaporized liquid cooling

SOURCE: Vestnik mashinostroyeniya, no. 3, 1964, 68-71

TOPIC TAGS: machining cooling method, coolant supply, vaporized liquid cooling, spray cooling, steel R18, steel 45, tool bit, lathe 1A62

ABSTRACT: The effects of nozzle shape, nozzle diameter, method of application (from above and from below), compressed air pressure, and coolant flow rate on the cooling properties of a vaporized liquid during machining were investigated experimentally using a tool bit of steel R18 to cut samples of steel 45. The nozzle shape shown in Fig. 1 of the Enclosure was investigated. It was found that:
a) the diverging nozzle (c) gave the coolest spray and working temperature; b) the work temperature decreased as the coolant flow rate was increased to 40 gm/m of compressed air (at 4 kg/cm²) and remained constant above that; c) a throat diameter of 1.5 mm was optimum for the geometry and operating pressure. Using this "optimum" nozzle, tool wear was measured for machining without cooling, cooling by pouring the coolant, spraying from above, and spraying from below.

ACCESSION NR: AP4026250

It was found that spraying from above caused least tool wear but resulted in catastrophic tool failure faster than spraying from below. By changing the air supply pressure and specific coolant flow rate it was found that the work temperature decreased with increasing supply pressure but that the effect of increased coolant flow rate became negligible after a certain flow rate was reached. This flow rate varied for different conditions but was below 200 gm/hr for all conditions considered. Orig. art. has: 7 figures

ASSOCIATION: Timiryasevskaya sel'skokhozyaystvennaya akademiya (Timiryazevo Agricultural Academy)

SUBMITTED: 00

DATE ACQ: 20Apr64

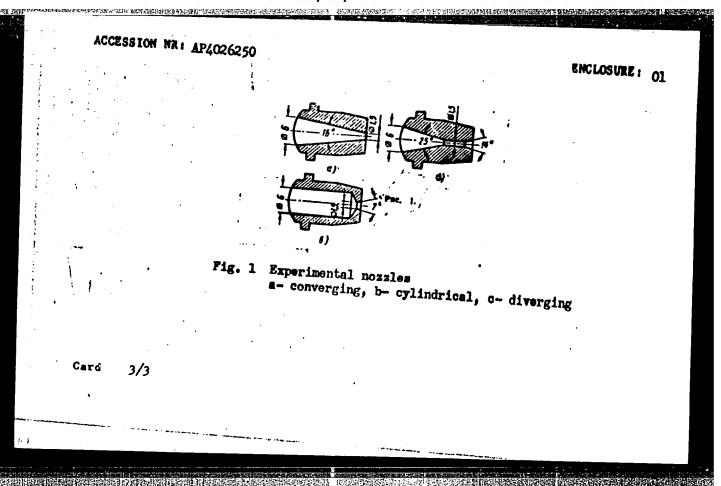
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VITION, V.

The development of burny ficheries in our country; . Specials by semi-ficheria.

2. 55 (NORTHO STRAISTVO) (Rijeka, Yugoslavia) Vol. 10, no. 2, 205, 1355

30: Northly Index of Fast Suropean Accessions (1981) in Vol. 7, No. 5, 1379

VITLOV, V.

Good advice from fisher practitioners. p. 258.

Periodical: MORSKO RIBARSTVO.

AGRICULTURE

Vol. 10, no. 12, Dec. 1958.

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4 April 1959, Uncl.

KRISYUK, E.M.; VITMAN, A.D.; VOROB'YEV, V.D.; LATYSHEV, G.D.; SERGRYEV, A.G.

Internal conversion electron spectra of active radiothorium deposits. (Region H 2600 -10300 Gs.cm.). Izv.AN SSER.Ser.fiz.20 no.8:877-882

Ag '56.

1. Kafedra fiziki Leningradskogo instituta inzhenerov zheleznodorozanogo transporta imeni V.M.Obraztsova.

(Radiothorium-Spectra)

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KRISYUK, H.M.; VITMAH, A.D.; VOROB'YEV, V.D.; VOROB'YEV, I.V.; IL'IH, K.I.; LATYSHEV, G.D.; LISTENGARTEN, M.A.; SERGEYEV, A.G.

Internal conversion in the Fb²⁰⁸ atom in 2615 kev transitions. Izv.AN SSSR.Ser.fiz.20 no.8:883-890 Ag ¹56. (MLRA 9:12)

1. Kafedra fiziki Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta imeni V.H.Obraztsova. (Lead--Isotopes)

VENTTSEL', M.K., professor; VITMAN, A.I., redaktor; SHIENSKIY, I.A., tekhnicheskiy redaktor

[Spherical trigonometry; a short course] Sfericheskaia trigonometriia; kratkii kurs. Izd. 2-oe, ispr. i dop. Moskva, Izd-vo geodez. i kartogr. lit-ry, 1948. 153 p.

(Trigonometry. Spherical)

MIKHNEVICH, Grigoriy Vasil'yevich, dotsent; RYAZANOV, Viktor Pavlovich, dotsent; SIBIRYAKOVA, Aleksendra Dmitriyevna, kand.tekhn.nauk; ORLOV. P.M., prof., retsenzent; ZUBRITSKIY, I.V., prof., retsenzent; MASLOV, A.V., prof., doktor tekhn.nauk, obshchiy red.; VITMAN, A.T., dotsent, red.; SHURYGINA, A.I., red.izd-va; ROMA-NOVA, V.V., tekhn.red.

AND SAND THE STREET OF THE STREET STREET, SAND STREET, SA

[Geodesy] Geodeziia. Pod obshchei red. A.V.Maslova. Moskva. Izd-vo geodez.lit-ry. Pt.2. 1959. 334 p. (MIRA 12:9) (Geodesy)

MIKHNEVICH, Grigoriy Vasil'yevich, dots.; RYAZANOV, Viktor
Pavlovich, dots.; SIBIRYAKOVA, Aleksandra Dmitriyevna,
dots. Prinimali uchastiye: BATRAKOV, Yu.G., dots.;
VITMAN, A.I., dots.; YUNOSHEV, L.S., aspirant;
KOROBOCHKIN, M.I., assistent; NEKHOROSHEV, M.Ye.,
retsenzent; BOGOLYUBOVA, N.S., retsenzent; NIKOLENKO, N.F.,
retsenzent; CHERNUKHIN, L.S., retsenzent; NESHCHADIMOV,
L.S., retsenzent; LARCHENKO, Ye.G., prof., red.

[Surveying] Geodeziia. Moskva, Nedra. Pt.2., 1964. 338 p.
(MIRA 17:12)

1. Zamestitel' nachal'nika Upravleniya sel'skokhozyaystvennykh aerofotos"yemok (for Nekhoroshev). 2. Kafedra vysshey geodezii Omskogo sel'skokhozyaystvennogo instituta (for Bogolyubova, Nikolenko, Chernukhin, Neshchadimov).

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ZAKATOV, Fetr Sergeyevich, prof.; MOROZOV, V.M., prof., retsenzent; VITHAN, A.I., dots., retsenzent; BAGRATUNI, G.B., red.

[Course in higher geodesy; spheroidal geodesy, theoretical geodesy, and the elements of gravimetry] Kurs vysshei geodezii; sferoidicheskaia geodeziia, teoreticheskaia geodeziia i osnovy gravimetrii. Izd. 3., dop. i ispr. Moskva, Izd-vo "Nedra," 1964. 503 p. (MIRA 17:8)

VENTTSEL', M.I., prof., doktor tekhn. nauk; <u>VITMAN, A.I.,</u> red.; VASIL'YEVA, V.I., red. 12d-va; ROMANOVA, V.V., tekhn. red.

[Fundamentals of theoretical astronomy]Osnovy teoreticheskoi astronomii. Moskva, Geodezizdat, 1962. 210 p. (MIRA 15:8)
(Astronomy)

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ACCESSION NR: AP4024039

8/0048/64/028/002/0223/0224

AUTHOR: Vitman, B.D.; Voinova, M.A.; Dzhelepov, B.S.

TITIE: Gamma radiation from As⁷⁶ Report, Fourteenth Annual Conference on Nuclear Spectroscopy held in Tbilisi 14 to 22 Feb. 1964

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.26, no.2, 1964, 222-226

TOPIC TAGS: γ -ray spectrum, γ -transition, As⁷⁶, As⁷⁶ decay

ABSTRACT: The present study was undertaken with a view to obtaining more accurate values for the relative intensities of the γ -rays from As⁷⁶ and to search for weak γ -lines not observed hitherto. Nine sources with initial activities from 20 to 40 Curie were prepared by irradiating 1 g samples, sealed in quartz tubes, in the Physico-technical Institute reactor; the initial material was spectroscopically pure metallic arsenic. The γ -spectrum was investigated on the Elotron (recoil γ -spectrometer) of the All-Union Scientific Research Institute of Metrology under standard conditions (V.D.Vitman, N.A.Voinova and B.S.Dzhelepov, Izv.AN SSSR,Ser.fiz.27,249, 1963). The experimental spectrum and its resolution into components is presented in five figures. In all there were detected 25 γ -lines, including several not clearly

Card 1/2

ACCESSION NR: AP4024039

observed hitherto (the 510 keV γ -rays reported by G.Backstrom and J.Marklund (Arkiv. fys.17,393,1960) were not observed). The energy and intensity values are tabulated and compared with the data of earlier investigators. In general, the energy values obtained in the present investigation agree with the data of Backstrom and Marklund; there is also good agreement as regards the intensities of the strong lines. Divergences as regards the intensities of some of the weaker lines are attributed to the strong Compton background in the spectrometer employed by Backstrom and Marklund. Not all the newly detected lines can be accommodated in the decay scheme proposed by Backstrom and Marklund, but the present data are inadequate for proposing a more comprehensive decay scheme. Orig.art.has: 5 figures and 1 table.

ASSOCIATION: Vsesoyuzny*y nauchno-issledovatel'skiy institut metrologiy im. D. I. Mendeleyeva (All-Union Scientific Research Institute of Metrology); Fiziko-tekhni-cheskiy institut im. A. F. Toffe Akademiy nauk SSSR(Physicotechnical Institute, ... Academy of Sciences, SSSR)

SUBMITTED: 208ep63

DATE ACQ: 08Apr64

ENCL: 00

SUB CODE: NS

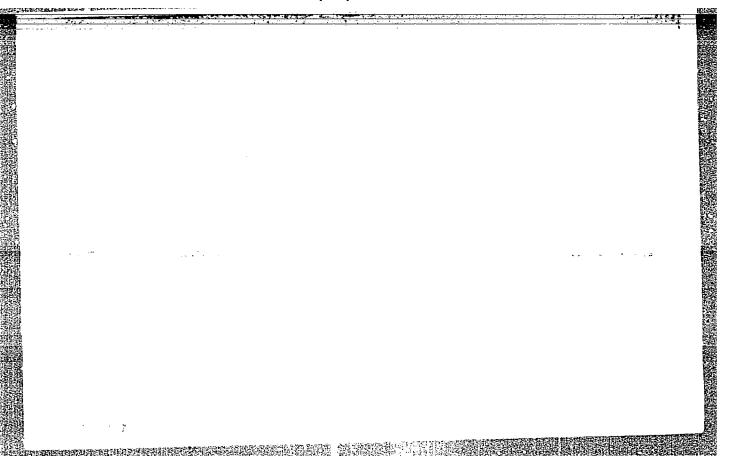
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EWT(m)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) L 13604-66 JD SOURCE CODE: UR/0286/65/000/024/0073/0073 ACC NR AP6002909 INVENTOR: Cheskis, Kh. I.; Vitman, D. V.; Boyarinova, ORG: none TITLE: Oxidation resistant chromium-nickel steel. No. 177080 4 [announced by the State Design and Scientific Research Institute of Petroleum Machinery (Cosudarstvennyy proyaktnyy i nauchnoissledovatel skiy institut neftyanogo mashinostroyeniya)] SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no: 24, 1965, 73 TOPIC TAGS: steel, oxidation resistant steel, chromium containing steel, nickel containing steel, manganese containing steel, silicon containing steel ABSTRACT: This Author Certificate introduces an oxidation-resistant chromium-nickel steel with increased resistance to carburizing. The steel contains 18-25% chromium, 8-18% nickel, 6-8% manganese, 1.3-3% silicon, 0.3% max carbon, 0.2% max nitrogen, 0.025% max [AZ] sulfur, and 0.035% max phosphorus. SUB CODE: 11/ SUBM DATE: 17Sep63/ ATD PRESS: 4/87 stainless steel 629.15-194.3.24.26 UDC:



WITMAN, D.V., inshener; TARMOSIN, A.M., inshener.

Hard surfacing of fies with a chromium-molybdenum alloy. Swar. proisw.

(MIRA 10:6)

1. Orguglemash.

(Hard facing)

(Chromium-molybdenum alloys)

CIA-RDP86-00513R001860120013-9 "APPROVED FOR RELEASE: 09/01/2001

Vitman, D.V .

135-5-6/14

SUBJECT:

USSR/Welding

AUTHORS:

Vitman, D.V., Engineer and Tarmosin, A.M. Engineer.

Surfacing Forging Dies with Chrome-Molybdenum Alloy. (Naplavka

TITLE:

shtampow khromomolibdenovym splavom). "Svarochnoye Proizvodstvo", 1957, # 5, pp 18-19 (USSR).

PERIODICAL:

ABSTRACT:

The article briefly reviews the available data and gives the results of the experimental work on this subject by the author's institute. Surfacing die blocks for hot and cold punch presses by electrodes "W -7" resulted in the following approximate composition of the facing metal: 2.33 % Cr, 0.24 % Mn, 0.57 % C, 0.18 % Si, 0.82 % Mo. The facing was always sound and the slag was easily removed. Some authors (1), (4), consider steel "45" as the best suitable material for die blanks. Experiments showed that this steel gives good results in production of twolayer cold punching dies, but is not permissible for hot dies because of insufficient hardness. Steel "40X" and rim steel make die blanks of higher hardness. Experience had shown that the previously practiced groove depth of 4-6 mm is insufficient, and with 8 mm deep grooves a die may be re-ground three or even

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TITLE:

Surfacing Forging Dies with Chrome-Molybdenum Alloy. (Naplavka shtampov khromomolibdenovym splavom).

four times.

The article describes the most effective procedures for heat treatment.

The electrodes "# -7" are also applicable for surfacing the blades of guillotine shears, and fast-wearing machine tool parts.

The article lists 4 references, all Russian.

ASSOCIATION: "OPTYT JEMAU" (Orguglemash)

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 2/2

L 36820-66 EMP(k)/EWT(m)/T/EWL(v)/EWL(t)/ECT LUT(c) JU/IM ACC NR. AP6019429 SOURCE CODE: UR/0135/66/000/006/0024/0026	1 .
AUTHOR: Stroyev, V. S. (Engineer); Tarkhov, N. A. (Engineer); Vitman, D. V. (Engineer)	 -
ORG: Moscow Experimental Welding Plant (Moskovskiy opytnyy sverochnyy zavod) TITLE: Arc welding of heat resistant steels SOURCE: Svarochnoye proizvodstvo, no. 6, 1966, 24-26	
TOPIC TAGS: arc welding, heat resistant steel, welding electrode ABSTRACT: An extensive table gives the chemical composition and the mechanical characteristics of 8 different steels used for electrode material in the arc welding of heat resistant steels. A series of figures gives the results of tests of metal melted with the electrodes shown in the table. A further table, based on experimental data, lists the different electrodes and makes detailed recommendations as to their most advantageous regions of application. Welded constructions requiring subsequent mechanical working to relieve internal stresses may by subjected to austenizing at a slow rate of heating (20-30°/bour) up to 425-450°C, with holding at this temperature for 2 to 4 hours, and	
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	SUB CODE: 13, 11/ SUBM DATE:	none/	ORIG REF:	001/	OTH REF:	002	
 							

ACC NR: AP6021800 (N) SOURCE CODE 100/012/0663/0064 INVENTOR: Stroyev, V. S.; Vitman, D. V.	L_36464-66 EWP(k)/EW	f(m)/T/EWP(v)/EM	/P(t)/ETI IJP(g),, JD/HM	Service Land	
INVENTOR: Stroyev, V. S.; Vitman, D. V. ORG: none TITLE: Electrode for welding oxidation-resistant steels. Class 21, No. 182816 SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 63-64 FOPIC TAGS: oxidation resistant steel, steel welding, welding electrode, METAL MESTRACT: This Author Certificate introduces an electrode for welding oxidation- resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, 2% aluminum powder, 14% chromium, 23% ferrosilicon, 6% manganese and 2% mica powder. The last two components are added to improve the weld resistance against carburiza- Tion. [AZ] UB CODE: 13/ SUBM DATE: 28Feb64/ ATD PRESS: 5040	ACC NR: AP6021800			24 (53° m23° m	/017/0853/0064	
TITLE: Electrode for welding oxidation-resistant steels. Class 21, No. 182816 SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 63-64 FOPIC TAGS: oxidation resistant steel, steel welding, welding electrode, METAL ABSTRACT: This Author Certificate introduces an electrode for welding oxidation- resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The coating of the electrode contains 26% fluorite, 27% marble, resistant steel. The	INVENTOR: Stroyev, V.	S.; Vitman, D.	<u>v.</u>		- 9	/
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